

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: August 19, 2003, 18:05:44 ; Search time 1495 Seconds

(without alignments)
547.286 Million cell updates/sec

Title: US-09-758-881-115

Perfect score: 20

Sequence: 1 gctccagcatctcgtctc 20

Scoring table: IDENTITY_NUC
Gapop 10 0 , Gapext 1.0

Searched: 2888711 seqs, 2045481386 residues

Total number of hits satisfying chosen parameters: 1010434

Minimum DB seq length: 0

Maximum DB seq length: 30

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

GenBank: *
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2: gb_Htg: *
3: gb_In: *
4: gb_Om: *
5: gb_Ov: *
6: gb_Pat: *
7: gb_Pn: *
8: gb_Pl: *
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14: gb_Vl: *
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32: em_Htg_Other: *
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40: em_Htgo_Mus: *
41: em_Htgo_Other: *

score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	18.4	92.0	20	6	ARI21066 Sequence
2	18	90.0	20	6	ARI21002 Sequence
3	15.8	79.0	25	6	AX689133 Sequence
4	15.8	79.0	25	6	AX689134 Sequence
5	15.8	79.0	25	6	AX689135 Sequence
6	15.8	79.0	25	6	AX689136 Sequence
7	15.8	79.0	25	6	AX689137 Sequence
8	15.8	79.0	25	6	AX689138 Sequence
9	15.8	79.0	25	6	AX689139 Sequence
10	14.8	74.0	25	6	AX689140 Sequence
11	14.8	74.0	25	6	AX689141 Sequence
12	14.2	71.0	25	6	AX689142 Sequence
13	14.2	71.0	25	6	AX689143 Sequence
14	14.2	71.0	25	6	AX689144 Sequence
15	14.2	71.0	25	6	AX689145 Sequence
16	14.2	71.0	25	6	AX689146 Sequence
17	14.2	71.0	25	6	AX689147 Sequence
18	14.2	71.0	25	6	AX689148 Sequence
19	14.2	71.0	25	6	AX689149 Sequence
20	14.2	71.0	25	6	AX689150 Sequence
21	14.2	71.0	25	6	AX689151 Sequence
22	13.8	69.0	23	6	AX689152 Sequence
23	13.8	69.0	23	6	AX689153 Sequence
24	13.8	69.0	23	6	AX689154 Sequence
25	13.8	69.0	23	6	AX689155 Sequence
26	13.8	69.0	23	6	AX689156 Sequence
27	13.8	69.0	23	6	AX689157 Sequence
28	13.8	69.0	23	6	AX689158 Sequence
29	13.8	69.0	23	6	AX689159 Sequence
30	13.8	69.0	23	6	AX689160 Sequence
31	13.6	68.0	24	6	ARI83098 Sequence
32	13.6	68.0	24	6	AX207124 Sequence
33	13.6	68.0	25	6	AX689148 Sequence
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43	13.4	67.0	20	6	ARI307963 Sequence
44	13.4	67.0	21	6	AX154287 Sequence
45	13.4	67.0	25	6	AX689142 Sequence

ALIGNMENTS

RESULT 1
LOCUS ARI21066 20 bp DNA
DEFINITION Sequence 87 from patent US 6159694.
ACCESSION ARI21066
VERSION ARI21066.1 GI:14104642
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Karas,J.G.
TITLE Antisense modulation of stat3 expression
JOURNAL Patent: US 6159694-A 87 12-DEC-2000;
FEATURES Location/Qualifiers

Pred. No. is the number of results predicted by chance to have a

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RESULT	2						PAT 16-MAY-2007
LOCUS	AR121002						
DEFINITION	Sequence from patent US 6159694.	20 bp				linear	
ACCESSION	AR121002						
VERSION	AR121002.1	GI:14104578					
KEYWORDS	.						
SOURCE	Unknown.						
ORGANISM	Unknown.						
REFERENCE	Unclassified.						
AUTHORS	1 (bases 1 to 20)						
TITLE:	Karas, T G,						
JOURNAL:	Antisense modulation of stat3 expression						
FEATURES	Patent: US 6159694-A; 12-Dec-2000;						
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Matches 18;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

uy 1 GCTCCAGCATCTGCTGCT 18
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[illegible]

REFERENCE
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Mammalia; Eutheria; Primates; Catarrhini; Hominoidea; Homo.
Hominidae; Homo.

REFERENCE 1

TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and

JOURNAL Patent: EP 1281758-A 1865 05-FEB-2003

FEATURES	Location/Qualifiers
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Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1 GCTCCGACATGTGCTT 19

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Db 25 GCTCCAGGATCTGCTCCT 7

RESULT 4			
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LOCUS	AX689134	25 bp	DNA
DEFINITION	Sequence 1866 from Patent EP1281758.	linear	FAT 31-MAR-2003
ACCESSION	AX689134		
VERSION	AX689134.1	GI:29411840	
KEYWORDS			
SOURCE	Homo sapiens (human)		

REFERENCE	AUTHORS	TITLE	JOURNAL	FEATURING
1	Shannon, M., Gu, Y. and Nguyen, C. T.	Four human zinc-finger containing proteins : mdz3, mdz4, mdz7 and mdz12	Patent: EP 1281758-A 1866 05-FEB-2003; Aemica, Inc. (US)	Location/Qualifort

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/organism="Homo sapiens"
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best Local Similarity: 89.58; Pred. NO. 1.4e+04;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1 GCTCCAGCATCTGCTCCTT 1
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Db 24 GCTCCAGGATCTGCTCCTT 6

RESULT 5			
AX689135/c			
LOCUS	AX689135	25 bp	DNA
DEFINITION	Sequence 1867 from Patent EP1281758.		
ACCESSION	AX689135		
VERSION	AX689135.1	GI:29411841	
			linear PAT 31-MAR-2003

SOURCE ORGANISM	Homo sapiens (human)
ORGANISM	Homo sapiens

REFERENCE
1
Mammalia; Eutheria, Primates, Catarrhini, Hominoidea; Homo.

AUTHORS	TITLE
Shannon, M., Gu, Y. and Nguyen, C.T.	Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and

JOURNAL Patent: EP 1281758-A 1867 05-FEB-2003

FEATURES	Location/Qualifiers
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/mol_type="genomic DNA"
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Best local Similarity	89.58;	Pred. No. 1.4e+04;		
Matches	17;	Conservative	0;	Mismatches 2;
				Indels 0;
				Gaps 0;

QY	1	GCTCCAGCATCTGCTGCTT	1
Pb	23	GCATCAGGATCTGCTCCTT	5

RESULT 6

AX689136/c
LOCUS AX689136 25 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 1868 from Patent EP1281758.
ACCESSION AX689136
VERSION AX689136.1 GI:29411842
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 1868 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES
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/db_xref="taxon:9606"
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Best Local Similarity 89.5%; Pred. No. 1.4e+04;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1 GCTCCAGCATCTGCTCCTT 19
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Db 22 GCTCCAGCATCTGCTCCTT 4
RESULT 7
AX689137/c
LOCUS AX689137 25 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 1869 from Patent EP1281758.
ACCESSION AX689137
VERSION AX689137.1 GI:29411843
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 1869 05-FEB-2003;
Aeomica, Inc. (US)
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Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1 GCTCCAGCATCTGCTCCTT 19
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Db 21 GCTCCAGCATCTGCTCCTT 3
RESULT 8
AX689138/c
LOCUS AX689138 25 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 1870 from Patent EP1281758.
ACCESSION AX689138
VERSION AX689138.1 GI:29411844

KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 1870 05-FEB-2003;
Aeomica, Inc. (US)
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Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1 GCTCCAGCATCTGCTCCTT 19
||||| ||||| |||
Db 20 GCTCCAGCATCTGCTCCTT 2
RESULT 9
AX689139/c
LOCUS AX689139 25 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 1871 from Patent EP1281758.
ACCESSION AX689139
VERSION AX689139.1 GI:29411845
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 1871 05-FEB-2003;
Aeomica, Inc. (US)
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Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1 GCTCCAGCATCTGCTCCTT 19
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Db 19 GCTCCAGCATCTGCTCCTT 1
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AX689132/c
LOCUS AX689132 25 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 1864 from Patent EP1281758.
ACCESSION AX689132
VERSION AX689132.1 GI:29411838
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 1864 05-FEB-2003;
Aeomica, Inc. (US)
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QY 1 GCTCCAGCATCTGCTCCTT 19
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Db 19 GCTCCAGCATCTGCTCCTT 1

REFERENCE 1
 AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
 TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
 JOURNAL Patent: EP 1281758-A 1864 05-FEB-2003;
 Acomica, Inc. (US)
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 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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 Db 25 CTCGAGCATCTGCTCTT 8

RESULT 11
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 LOCUS AX689140 25 bp DNA linear PAT 31-MAR-2003
 DEFINITION Sequence 1872 from Patent EP1281758.
 ACCESSION AX689140
 VERSION AX689140.1 GI:29411846
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
 REFERENCE 1
 AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
 TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
 JOURNAL Patent: EP 1281758-A 1872 05-FEB-2003;
 Acomica, Inc. (US)
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 /mol_type="genomic DNA"
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 Best Local Similarity 88.9%; Pred. No. 4.1e+04;
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 GCTCAGCATCTGCTCTT 18
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 Db 18 GCTCAGCATCTGCTCTT 1

RESULT 12
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 LOCUS AR282672 25 bp DNA linear PAT 10-APR-2003
 DEFINITION Sequence 17 from patent US 6521749.
 ACCESSION AR282672
 VERSION AR282672.1 GI:29719282
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 FEATURES Unclassified.
 1 (bases 1 to 25)
 AUTHORS Ling,Y. and Dunussi-Joannopoulos,K.
 TITLE GL50 nucleic acids and uses therefor
 JOURNAL Patent: US 6521749-A 17 18-FEB-2003;
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BASE COUNT 3 a 12 c 6 g 4 t
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 Best Local Similarity 84.2%; Pred. No. 7.9e+04;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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 Db 6 CCCGAGAACCTGCTCTT 24

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 DEFINITION Sequence 3836 from Patent EP1281758.
 ACCESSION AX691104
 VERSION AX691104.1 GI:29414037
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
 REFERENCE 1
 AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
 TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
 JOURNAL Patent: EP 1281758-A 3836 05-FEB-2003;
 Acomica, Inc. (US)
 FEATURES Location/Qualifiers
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 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 GCTCAGCATCTGCTCTT 19
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 Db 25 GCTCAGCATCTGCTCTT 7

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 LOCUS AX691105 25 bp DNA linear PAT 31-MAR-2003
 DEFINITION Sequence 3837 from Patent EP1281758.
 ACCESSION AX691105
 VERSION AX691105.1 GI:29414038
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
 REFERENCE 1
 AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
 TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
 JOURNAL Patent: EP 1281758-A 3837 05-FEB-2003;
 Acomica, Inc. (US)
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Best Local Similarity 84.2%; Pred. No. 7.9e+04;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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Db 24 GCTCTAGAGATCTGCTCCTT 6

RESULT 15

AX691106/c AX691106 25 bp DNA linear PAT 31-MAR-2003

LOCUS AX691106 Sequence 3838 from Patent EP1281758.

DEFINITION AX691106

ACCESSION AX691106.1 GI:29414039

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

FEATURES

source

BASE COUNT

ORIGIN

8 a 7 c 7 g 3 t

Query Match 71.0%; Score 14.2; DB 6; Length 25;

Best Local Similarity 84.2%; Pred. No. 7.9e+04;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 GCTCCAGCATCTGCTCCTT 19

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Db 23 GCTCTAGAGATCTGCTCCTT 5

Search completed: August 19, 2003, 20:47:15

Job time : 1497 secs

1

2